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**THOS. G. KNIGHT.**  
American Sentinel Press.



JOURNAL, from *Callao*towards *Gibraltar*H. K.  $\frac{1}{2}$ K. COURSES. WINDS. LEEWAY. Remarks, *Saturday* day of *12<sup>th</sup> June* 1869

1 This days Log, Comences off *Platun*  
2 *Land* with a very heavy Gale  
3 from the W. S.W. - *11th* Log Book  
4 and all other acts of the Commencement  
5 of the voyage being lost in the storm  
6 The Ship running before the wind with the lower  
7 Topsails and Fore sail set Sea running very high and  
8 short wind increasing and blowing fearfully in middle  
9 Sea running very irregular at 10.30 AM a heavy sea  
10 Broke over the Ships Decks on both sides at the  
11 same time Carrying away both Quarter Boats *Davis*  
12 and every thing attached The sea filled the Decks  
1 completely full to the rail fore and aft which settled her  
2 so deep in the water that the next heavy sea rode  
3 over the stern washing the men from the wheels, forced  
4 the light off all the Doors and windows in the  
5 forward end of the after houses, filled the Cabin Compartment  
6 full of water, stove every piece of furniture, all the Store  
7 1500 lbs of bread all the Charts & Barometres Captain's instruments  
8 Clothing Bedding Spinally washing every thing out of the  
9 Cabin, stove in the Doors and windows of the Cabin  
10 Shop and Sail Room where all the Spair Sails, Studding  
11 Sails, Gun Spair Blocks, Lumber and Tools were stored  
12 They all washed out of the house and overboard.

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. In. Lon. by Ob.

H. K.  $\frac{1}{2}$ K. COURSES. WINDS. LEEWAY. Remarks, day of 18

1 The sea lured in the doors of the forward end of  
2 The Poop deck filled the Poop full of water, in the Poop  
3 were stowed all our Cans of Preserved Meats and other Stores  
4 also some Cais of Rope and Spair Rigsing and 4 Cases  
5 and 2 Trunks which were shipped as freight they all  
6 stove and washed all to pieces, the Contents of the Cases  
7 and trunks washing all over the decks with the sails  
8 and rigging every thing in a perfect wreck the sea washing  
9 the people all around the decks bristling every 6 of the  
10 seamen and 2 Mates every one able doing all in their  
11 power to save the Ship and articles washing along  
12 weather extremely Cold Much Snow and Ice

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. In. Lon. by Ob.



## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18	
						<i>Sunday</i>	<i>13th June</i>	<i>49</i>	
1						Commences with a terrible storm and sea the ship			
2						Decks full of water as high as the Rail the			
3						Ship settled very low in the water so that every			
4						sea swept over her fore and aft finding the sea			
5						was washing the whole top off the Ship we attempted			
6						to get sail off her and leave her stranded the			
7						main topsail sheet in order to clew it up when it			
8						blew all to rags the fore main topsail sheet put a			
9						shivering the end of the main yard lads the			
10						sail blew all to pieces the fore sail and fore topsail			
11						blew all to pieces before they could be secured, at			
12						6 P.M. succeeded in getting the ship hove to on the			
1						port tack under the main spencer the ship settled			
2						very low in the water having the appearance of considerable			
3						water in her <b>Pumps</b> worked and worked all possible the			
4						sea often washing the men away from them			
5						the sea breaking all over the port side of the ship			
6						striking her very heavy the starboard side in fact			
7						under water every man nearly perished with the			
8						cold and wet not a dry thread of any thing			
9						on board the ship most of the cooking utensils washed			
10						out of the galley the galley stove vessels for the present			
11						Midnight the Gale begins to abate sea little more			
12						regular all the people that are able employed trying			
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18	
1						To save things which are washing round the decks			
2						and working the Pumps all the time			
3						8 AM heavy squalls blew the Top galant sails and			
4						Royals from their Gaskets were obliged to cut the			
5						fore Top galant sail and <del>main</del> Top galant sail fore Royal			
6						adrift from the yards in order to save the spars			
7						succeeded in making the others fast all Clewed and			
8						torn laces 10 AM weather more favorable			
9						got the Upper topsails reefed and set and kept			
10						the Ship off before the wind which is blowing gradually			
11						to the North and Westward got all the water out			
12						of the Ship the Spar spars delashed which were all			
1						washed from their fastenings the Bolts drawn entirely			
2						right in several places so ends this day			
3						No observations			
4									
5									
6									
7									
8									
9									
10									
11									
12									
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18	
1	6		NE by N	NW		Commences with a strong Gale from the North and West and very hail and snow squalls Ship kept before the sea and wind with reefed upper topsails set which is all the canvas that is sustainable to set people employed cutting up the studding sail and other some sails to repair others every one suffering with the extreme cold for the want of dry clothing every thing in a perfect wreck all over the ship	Monday	14 June	18 49
2	5								
3	5								
4	5								
5	5								
6	5								
7	5								
8	5								
9	5	NE	NW						
10	5								
11	5								
12	5								
1	5								
2	5								
3	5								
4	5								
5	5	NE by E	North		Middle part moderate baffling snow and rain latter part much the same Pumps attended all				
6	5								
7	5								
8	5								
9	5								
10	5								
11	5								
12	5								
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18	
1	4		E N E	North		Commences with moderate Baffling	Tuesday	15th	
2	"					get a lower brace and main		18	
3	4					topsail set and main top galant			
4	4					sail all in a bad condition			
5	4								
6	4					Middle part heavy snow by dills			
7	3					and high cross sea running			
8	3								
9	3		E by N			later part get the fore and main			
10	3					sails reefed and set			
11	3								
12	3					end with very squally disagreeable			
1	3					weather all the ship stores			
2	3					and provisions destroyed except 100 lbs			
3	3					flour and Beef and Pork			
4	3								
5	4		E N E			all hands employed repairing damage			
6	4					as fast as possible			
7	5								
8	5								
9	5					Pumps attended			
10	5								
11	5								
12	5								
Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.



JOURNAL, from										towards									
H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of				18								
1																			
2																			
3																			
4																			
5																			
6																			
7																			
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11																			
12																			
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.										

  

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of				18	
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
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6												
7												
8												
9												
10												
11												
12												
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.			

JOURNAL, from										towards									
H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of				18								
1	3		E NE	Nth		Comences with light airs and													
2	3					Calm's strong north winds blowing													
3	3																		
4	4		NE	Nth															
5	4					Middle part the same													
6	4																		
7	4					Water part light Notherly Wind													
8	4					and rain													
9	4					Pumps attended													
10	4		E NE	Nth		Lat. N. Observation													
11	4																		
12	3																		
1	3																		
2	3																		
3	3																		
4	3																		
5	3																		
6	4																		
7	4																		
8	4																		
9	4																		
10	4																		
11	4																		
12	4																		
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.										

  

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of				18	
1	4		East	N NE		Comences with light Notherly Wind						
2	4					all sails set						
3	4											
4	4		N NE	Nth		first part strong and foggy						
5	4											
6	4											
7	4					Middle part the same						
8	4											
9	4											
10	4		N NE	Nth		ends with light airs and Calm						
11	4					breath all sails set						
12	4											
1	3					Pumps attended						
2	3											
3	2											
4	2											
5	2											
6	2											
7	2											
8	2											
9	2											
10	0											
11	0											
12	1 1/2											
Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.			



## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	2		NNE	S.E.		Commences with very light air and calm weather all sails set that is repaired	Friday	18 June
2	3					at 6 P.M. Moderate breeze from SE rain and snow		
3	5							
4	6							
5	6							
6	7							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7							
1	8			South		Middle part strong breeze and snow squalls		
2	8					at 4 AM sailed topgalant sails and main sail		
3	8					Wind hauling to SW sea running high often		
4	8					Comencing on deck		
5	8					ends with fresh breezes and cloudy squally weather		
6	8			SW		6 of the crew more or less disabled and unfit for duty all the		
7	8					clothing hauling as wet as possible fore and aft weather extremely		
8	8					cold water freezing on the ropes and spars		
9	8					Pumps attended		
10	8							
11	8							
12	8							

Latitude 48° 22'

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	7		NNE	SW		This day Commences with fresh breezes and cloudy weather	Saturday	19 June
2	7					topgalant sails set		
3	7					Middle part Moderate wind Northward		
4	6							
5	6							
6	6							
7	6							
8	6							
9	6							
10	6							
11	6							
12	6							
1	6							
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4	5							
5	5							
6	5							
7	5							
8	6							
9	6							
10	6							
11	6							
12	6							

46 32

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	6		NNE	North		Commences with fresh breezes and snow and rain squalls	Sunday	20 June
2	6					failed topgalant sails		
3	6							
4	5							
5	5							
6	4							
7	4							
8	4							
9	4							
10	4							
11	4							
12	4							
1	4							
2	4							
3	5							
4	3							
5	2							
6	2							
7	2							
8	2							
9	2							
10	1							
11	0							
12	0							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	1		NE	SW		Commences with very light air from the North ward all sails set	Monday	21 June
2	2					at 5 P.M. Wind hauled suddenly to SW in a heavy squall the		
3	2					outher side of ship parted the sail blew		
4	2					all to pieces stored the topgalant sails spanker		
5	6							
6	6							
7	6							
8	6							
9	6							
10	6							
11	6							
12	6							
1	6							
2	6							
3	6							
4	6							
5	6							
6	6							
7	6							
8	6							
9	6							
10	6							
11	6							
12	6							

Latitude 44° 29'



JOURNAL, from *Callao* towards *Gibraltar*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	6		<i>NE</i>	<i>NW</i>		<i>Tuesday day of 22<sup>d</sup> June 1869</i> Commenced with fresh breezes and thick hazy rainy weather all possible sails set frequent squalls and heavy gusts of wind
2	6					
3	6					
4	6					
5	5					
6	5					
7	5					
8	5					
9	5		<i>E. NE</i>	<i>North</i>		<i>at 4 AM tacked to the</i> <i>westward high sea running from</i> <i>westward</i>
10	5					
11	5					
12	5					
1	5					<i>later part very moderate B. flying</i> <i>birds and constant rain</i> <i>heavy westerly sea running</i>
2	5					
3	4					
4	4		<i>W. NW</i>			<i>Pumps attended</i>
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		<i>W. NW</i>			<i>Wednesday day of 23<sup>d</sup> June 1869</i> Commenced with moderate breezes and rainy squally weather high sea running from the westward wind NW at 1 PM tacked to Eastward at 4 PM heavy squalls filled topgallant sails with file

2	4		<i>NE</i>			
3	6					
4	6					
5	6					
6	6		<i>NE</i>	<i>NW</i>		
7	7					
8	7					
9	7					
10	7					
11	7		<i>N. NE</i>	<i>NW</i>		
12	7					

1	7					<i>ends with stormy breezes and</i> <i>squally weather. Cut off topgallant</i> <i>courses jib set</i>
2	6					
3	6					
4	6					
5	6					
6	6		<i>NE</i>			<i>Pumps attended</i>
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

1	6					<i>Leat in gills</i>
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

JOURNAL, from towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	6		<i>NE</i>	<i>NW</i>		<i>Thursday day of 24<sup>th</sup> June 1869</i> Commenced with stormy breezes and squally rainy weather heavy sea running from NW
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
1	6					<i>middle part more moderate</i> <i>set topgallant sails</i>
2	6					
3	6					
4	5					
5	5					
6	5					
7	5					
8	4					
9	4					
10	4					
11	3					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	2		<i>NE</i>	<i>NE</i>		<i>Friday day of 25<sup>th</sup> June 1869</i> Commenced with light B. flying birds and rain squalls

2	0					
3	1					
4	2					
5	3		<i>W. NW</i>			<i>at 4 tacked to the North and</i> <i>westward</i>
6	4					
7	5					
8	5					
9	5					
10	6					
11	6					
12	6					

1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	5					
8	4					
9	4					
10	3					
11	2					
12	2					

1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	5					
8	4					
9	4					
10	3					
11	2					
12	2					

1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	5					
8	4					
9	4					
10	3					
11	2					
12	2					

1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	5					
8	4					
9	4					
10	3					
11	2					
12	2					



## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	2		NW	Nth		Commences with very light	Saturday	26th
2	2			Easterly		drifting winds and rainy		
3	2					weather all sails set		
4	3					at 4 P.M. tacked to the		
5	3		NNE			North and Eastward		
6	3					filled light sails		
7	4					at 5 P.M. tacked to the		
8	4					North and Westward and		
9	5		WNW			hoisting and hauling for NW		
10	5					to NE		
11	5					at 9 P.M. Syolles Clewed		
12	5					up top gale and sails before		
1	5		NNE	WNW		they could be made fast a heavy		
2	4					syolles struck the ship from the		
3	4					WNW split the fore top gale and		
4	4					sail jib fore topmast stay sail		
5	4					Upper main topsail badly		
6	4			NW		filled all sails except the lower		
7	4					fore and main topsails continue to		
8	4					blow a perfect hurricane during		
9	4			WNW		the syolles very high cross sea		
10	4			to		running at 1 AM wore ship to the		
11	4			WNW		North and Eastward wind from NW		
12	4					to NWW ends with a strong Gale		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
				37 22	No Obs				

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	4		NNE	NW		Commences with a strong Gale	Sunday	27th
2	4					from North and Westward		
3	4					blowing 4 Points Blowing		
4	4			WNW		heavy in Syolles causing the		
5	4					sea to run high and short		
6	4					and irregular making the ship		
7	4		NNE			labor heavily and ship long		
8	4					deanties of water on deck		
9	4							
10	4					Middle part much the same		
11	4		North	WNW				
12	5					latter part strong Gale and		
1	5					high rough sea		
2	5					Pumps attended		
3	5			West				
4	5					Leater 9th		
5	5					35.34"		
6	5							
7	5							
8	5			NW				
9	5							
10	5							
11	5							
12	5							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	5		NNE	WNW		Commences with a strong Gale	Monday	28th
2	5					and high sea running for		
3	5					WNW		
4	5					at 1 P.M. set fore and main		
5	5					upper topsails and kept off NNE		
6	5							
7	5					Saw a light ship steaming the		
8	5					same course		
9	5							
10	5					Middle part light Baffling		
11	6					winds and Syolles weather		
12	6		NNE	WNW		latter part light sails and calm		
1	5					get a upper main topsail		
2	5					repaired and bent it set all sails		
3	4					that were available to set		
4	4					all hands employed repairing		
5	4					sails as fast as possible		
6	4							
7	3					Pumps attended		
8	3							
9	3					Leater		
10	3		NNE	NW				
11	3							
12	3							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	3		NNE	NW		Commences with very light Baffling	Tuesday	29th
2	3					winds and Calms frequent rain		
3	3					Syolles		
4	3					Middle part the same		
5	3							
6	3					ends with a moderate		
7	3					Northerly wind get the		
8	3							
9	3					fore top gale and sail repaired		
10	3					and bent and set all sails		
11	3					that is repaired		
12	3					Pumps Carefully		
1	3		NNE	NW		attended		
2	3							
3	3					Leater in		
4	3							
5	4							
6	4		NNE	NW				
7	4							
8	4							
9	4							
10	5							
11	5							
12	5		NNE	Nth				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.



## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Wednesday</i> day of <i>30 June</i> 18 <i>69</i>
1	3		NNE	NW		Commences with moderate breezes and passing clouds all possible sails set
2	3					
3	3					
4	3					
5	3					at 8 P.M. it commenced
6	4		NNE			to blow furiously in Gale
7	4					fired all the top galant sails
8	6			North		Main sail spanker out jib
9	6					
10	6					middle part much the same
11	6					
12	6					
1	6		NNE	NNW		latter part strong breezes and rain squalls high short sea running often commencing on deck washing the ship
2	6					Badly
3	6					Pumps strictly attended
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Thursday</i> day of <i>1 July</i> 18 <i>69</i>
1	5		NNE	NNW		Commences with a strong breeze and rainy weather
2	5					
3	5					
4	5					at 5 P.M. commenced to blow
5	5					heavily in squalls attended with
6	5					much lightning and thunder
7	5					folded upper topsails main sail jib
8	5					
9	5					middle part blowing heavily
10	4		NNE			sea running short and high
11	4					wind veering from North to
12	4					NW causing the sea to run
1	4					irregular and high heavy sea
2	4					often breaking over on deck
3	4					smashing and staving every thing
4	4					alright decks
5	4					
6	4		NNE			latter part little more favorable
7	4					set the upper topsails reefed
8	5					
9	5					Pumps attended
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Friday</i> day of <i>1 July</i> 18 <i>69</i>
1	5		NNE	NW		Commences with strong breezes and squally weather all possible sails set
2	5					
3	5					
4	6					
5	6					middle part much lightning in
6	7					the westward strong breezes and
7	7					that regular sea
8	7					
9	7					ends with strong breezes and
10	7		North to NW			squally weather Pumps attended
11	7					
12	7					
1	7					
2	7		NNE			
3	7					
4	7					
5	7					
6	7					
7	6					
8	6					
9	6					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks, <i>Saturday</i> day of <i>2 July</i> 18 <i>69</i>
1	5		NNE	NW		Commences with a strong breeze and
2	5					blowing squally weather
3	5					high short sea running
4	6					all possible sails set
5	6		NNE			
6	6					middle part much the same
7	6					
8	6					
9	6					latter part more moderate sea
10	6					more regular set all light
11	6		North to NW			sails
12	6					Pumps attended
1	6					
2	6					
3	6					Leads by 24
4	6					
5	6		NNE			
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		N E	W N W		Monday day of 4th July 1869
2	3					Commences with moderate
3	3					Breezes and cloudy weather all
4	3					sails set
5	3					
6	3					Middle part very light and
7	2					calms wind coming to
8	2					Southward
9	2			S W		
10	2					ends with moderate breezes
11	2					and cloudy rainy weather
12	2					
1	2			S W		Pumps attended
2	2					no observation
3	2					
4	4			South		
5	4					
6	5					
7	5					
8	5					
9	6			S E		
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	6		N E			Monday day of 5th July 1869
2	7					Commences with moderate NE
3	7					wind and rain
4	6					at 4 P.M. wind hauled
5	4					to NNE very light and
6	3					drifting
7	3					
8	2					Middle part calm
9	2					
10	1 1/2					latter part light North and West
11	0					and clear weather at 8 A.M.
12	0					tacked to the North and East
1	0					and all sails set
2	1 1/2		N E	S W		Pumps attended
3	2					
4	2					
5	2					Latitude in
6	2					by Obs
7	3					22° 17' S
8	3					
9	4					
10	4		N E	S W		
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		N E	S W		Tuesday day of 6th July 1869
2	3					Commenced with moderate
3	3					Breezes and clear weather
4	3					all sails set
5	3					at 6 P.M. wind hauled to
6	3					South and Westward in
7	3					a rain squall
8	3					
9	3					Middle part light and
10	3					overcast; rain squalls
11	3					latter part fresh Easterly
12	3					wind and frequent rain
1	3			South		squalls all sails set
2	6					Pumps carefully attended
3	7					
4	8					no observation
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	8		N E	Easterly		Wednesday day of 7th July 1869
2	8					Commences with fresh breezes and
3	8					squally weather all sails set
4	8					Wind bearing from ENE to ESE
5	8					a barque steering the same
6	8					way
7	8					Middle part fresh breeze and
8	8					rain
9	8					
10	8					ends with fresh breezes squally
11	8					sunshine and rainy weather
12	8					wind from ESE to NE
1	8					Pumps attended
2	8					
3	7					Latitude
4	7					17° 17' S
5	7					
6	7					
7	7					
8	7					
9	6					
10	6		N W	N E		
11	6					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	7		N/E	East		Thursday day of 5th July 1869
2	7					Comences with fresh Breeze
3	8					and squally weather
4	8					All sails set and taken as
5	8					the weather permitted
6	9			ESE		The foot rope of the upper fore
7	9					top sail parted the sail split
8	9					from head to foot current in
9	9					and sent it on deck to repair
10	9					at 10 PM bent and set the
11	9					fore top sail again
12	9					
1	9					Middle part strong Breeze
2	9					filled all light sails
3	9					
4	9					latter part the same
5	9					
6	9					Pumps attended
7	9					
8	9					Latitude in
9	9					
10	9					1358" S
11	9					
12	8		" "	SESE		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	9		N/ESE	ESE		Friday day of 7th July 1869
2	9					Comences with strong Breeze
3	9					and Cloudy squally weather
4	9					light sails filled
5	10					
6	10			SE		Middle part the same high hot
7	10					sea running
8	10					
9	10					ends with strong Breeze and
10	10					passing clouds occasional rain
11	10			ESE		sails set sea high and short
12	10					regular sweeping the decks fore
1	10					and aft
2	10					Pumps attended main
3	10					and bilge
4	10					
5	10					Lat in Glls
6	10					
7	9	"				10'10" S
8	9					
9	9					
10	9					
11	9					
12	9		" "	SESE		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	9		N/ESE	ESE		Saturday 10th July 1869
2	9					Comences with fresh Breeze
3	9					and Cloudy weather all possible
4	9					sails set
5	9					
6	9					Middle part more moderate
7	9					set all the light sails topmast
8	9					and Lower Studing sails
9	9					
10	9					latter part moderate Breeze
11	8	"				passing clouds occasional rain
12	8	"				syall all sails set
1	8	"				Low two Barques Stearing some
2	8	"				way
3	8	"				Pumps attended
4	8	"		SE		
5	8	"				Lat in Glls
6	8					
7	8					06.56" S
8	8					
9	8					
10	7	"				
11	7	"				
12	7	"	" "			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	8		N/ESE	SE		Sunday day of 11th July 1869
2	8					Comences with a moderate Breeze
3	8					and passing clouds occasional rain
4	8					syall two Barques in sight Stearing
5	8					same Course
6	8					
7	8					Middle part light and baffling
8	7					
9	7					ends with moderate Breeze and
10	7					passing clouds
11	7					
12	7					Pumps attended
1	7					all sailed set Studing sails fore
2	7					and aloft
3	7		N/ESE	SE		
4	7					Lat in Glls
5	7					04" 08"
6	7					
7	7			SE		
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.



JOURNAL, from Callao

towards Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	7					Monday day of 12th 1869
2	7					Comences with moderate
3	7					Breezes and passing clouds
4	7					occasional a severe Rain by all
5	7					all drawing sails set
6	7					middle part much the same
7	7					
8	7					latter part moderate breezes
9	7					and clear weath all sails
10	7					set one Bank in sight
11	7					steering some way
12	7					Pumps attended
1	7					Leatin by Ob
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	6	$\frac{1}{2}$				
10	6	$\frac{1}{2}$				
11	6	$\frac{1}{2}$				
12	6	$\frac{1}{2}$				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	6					Tuesday day of 13th July 1869
2	6					Comences with moderate
3	6					Breezes and passing clouds
4	6					all sails set
5	6					
6	6					middle part the same
7	6					
8	6					ends with moderate breezes
9	6					and clear weath
10	6					set Blading sails
11	6					Pumps attended
12	6					Leatin 108° N
1	7					
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	7					Wednesday day of 14th July 1869
2	7					Comences with moderate breezes and
3	7					Clear weath all sails set
4	7					
5	6					middle part much the same
6	6					
7	6					ends with a moderate
8	6					SE wind and passing
9	6					clouds all sails set
10	6					
11	7					Pumps Carefully
12	7					attended
1	7					Leatin Obs
2	7					
3	7					
4	7					
5	7					
6	6					
7	6					
8	6					
9	6					
10	6					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	7	$\frac{1}{2}$				Thursday day of 15th July 1869
2	7	$\frac{1}{2}$				Comences with moderate breezes
3	7	$\frac{1}{2}$				and passing clouds all sails
4	7	$\frac{1}{2}$				set
5	7	$\frac{1}{2}$				
6	7	$\frac{1}{2}$				middle and latter part the
7	7	$\frac{1}{2}$				same
8	7	$\frac{1}{2}$				
9	7	$\frac{1}{2}$				Pumps attended
10	7	$\frac{1}{2}$				
11	8					Leatin
12	8					
1	8					
2	8					
3	8					
4	8					
5	8					
6	7					
7	6					
8	6					
9	6					
10	6					
11	6					
12	5	$\frac{1}{2}$				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.



## JOURNAL, from

Callao

towards

Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		NNE	SSW		Friday day of 16th July 1869
2	4					Commences with moderate
3	4					Breezes and passing clouds
4	4					all sails set
5	4					
6	4					Middle part light and
7	4					variable winds
8	5					
9	5					Latter part wind all around
10	5					The compass much rain
11	5					all sails trimmed to best
12	5					advantage
1	5					
2	5					Pumps attended
3	4					
4	4					Latitude
5	4					08.47" N
6	4					
7	4					
8	4					
9	3					begin from
10	3					all points
11	3					The compass
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		NEN	Variable		Saturday day of 17th July 1869
2	3					Commences with light breeze
3	3					and much rain
4	3					Wind from all points the compass
5	3					all sails set and trimmed to
6	2					best advantage
7	2					
8	2					Middle part calm
9	2					
10	0					Latter part moderate breeze from
11	0					South and Westward fair weather
12	0					several vessels steering to the Southward
1	0					
2	0					Pumps attended
3	2					
4	2					Latitude
5	2					9.25
6	2					
7	2					
8	2					
9	2					
10	2					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		NNE	SSW		Sunday day of 18th July 1869
2	3					Commences with light
3	3					Breeze wind from South and
4	3					Westward all sails set and
5	4					trimmed to advantage
6	4					
7	4					Several vessels in sight
8	4					all steering southerly
9	4					
10	3					
11	3					
12	3					
1	3					
2	2					Latter part light and
3	4					variable breeze
4	4					Pumps attended
5	4					
6	4					Latitude
7	4					10.45" N
8	4					
9	4					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3		NNE	SSW		Monday day of 19th July 1869
2	3					Commences with moderate variable
3	4					breezes and passing weather
4	4					sails trimmed to best advantage
5	4					
6	4					Middle part the same
7	4					
8	4					ends with very light variable
9	4					
10	4					Winds from North and West
11	5					ward all sails trimmed
12	5					to best advantage
1	5					
2	5					Pumps attended
3	5					Several vessels in sight
4	5					steering to the Northward
5	5					
6	5					Latitude
7	4					12.15" N
8	3					
9	3					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.



**JOURNAL, from**

Callro

towards

*Libralter*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	2		N.N.E			Tuesday day of 20th Aug 1869
2	2					Comences with light Breeze
3	2					Air from all points the
4	2			Variable		Compass Sails trimmed to be
5	2			through		advantage
6	2					
7	2					Midle and Cat
8	2					parts Calm
9	2					Several peaks in sight all strong
10	1					North wind
11	1					Latin
12	0					1240".V
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	<sup>1</sup> / <sub>2</sub> K.	COURSES.	WINDS.	LEEWAY.	Remarks.
						Wednesday day of 21 <sup>st</sup> July 1869
1	0			Calm		Commences with Calm Cloudy
2						breath present rain falls
3						Coming from all points The Compass
4						
5						
6						middle part light air from
7						the North west
8	0					
9	1		NE	Variable		
10	2					latter part Calm ship's head
11	2					all around the Compass
12	2					several vessels in sight
1	2					
2	2					
3	2					
4	2					Lead in
5	2					12 1/2 fms
6	2					
7	1					
8	1					
9	0					
10						
11						
12	0			Calm		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
						Thursday day of 22 July 1869
1	0					Comences with Calm Cloudy
2						weather Ships head all around
3						the Compass no Steady way
4						
5						At 8 P.M. light Baffling air
6						from the North and Westward
7	0					
8	1	m	NNE	NW		ends the same
9	1	a				
10	1	$\frac{1}{2}$				
11	1	$\frac{1}{2}$				Burrows attended
12	2					Latitude in Lg Mo
1	2					
2	2					
3	2					13'10" N
4	2			NNE		
5	2					
6	2					
7	1			NW		
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
						Friday day of 23 July 1869
1	1		Run	North		Commenced with light Baffling
2	1					and from the North wind
3	1					all sails trimmed to best advantage
4	1					Several vessels in sight all
5	1					bound to the North west
6	1					
7	2					
8	2					Middle and latter parts the
9	2					same
10	2					
11	2					Rumpr attended
12	2					
1	2					
2	2					It is
3	2					
4	2					
5	2					
6	1	$\frac{1}{2}$				
7	1	$\frac{1}{2}$				
8	1	$\frac{1}{2}$				Baffling
9	1		North			and
10	1					Calm
11	1		ENE			
12	1					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.



JOURNAL, from *Callao*towards *Gibraltar*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	1		<i>SEW</i>			<i>Saturday day of 24 July 1869</i>
2	1					<i>Comences with light</i>
3	1			<i>Bafling</i>		<i>Pafling ams and Catws</i>
4	1			<i>Wells</i>		<i>Middle and latter parts</i>
5	1					<i>the same</i>
6	1					
7	1	$\frac{1}{2}$				
8	2					<i>all sails tried</i>
9	2					<i>to best advantage</i>
10	2					
11	2					<i>Pumps</i>
12	2					<i>attended</i>
1	2					<i>Latitude</i>
2	2					<i>13° 25' N</i>
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2		<i>SEW</i>			
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	2		<i>SEW</i>	<i>NE</i>		<i>Sunday day of 25th July 1869</i>
2	2					<i>Comences with very moderate</i>
3	2					<i>wind from the NE and East</i>
4	2					<i>ward Exceeding hounding to East</i>
5	2	$\frac{1}{2}$				<i>ward</i>
6	3		<i>NE</i>	<i>East</i>		<i>Middle part light and Bafling</i>
7	3					
8	3					<i>ends with very moderate</i>
9	3					<i>SE wind and passing Cloud</i>
10	3					
11	3					<i>all sails set</i>
12	3					<i>Pumps attended</i>
1	3			<i>SE</i>		<i>Latitude in</i>
2	4					<i>14° 36' N</i>
3	4					
4	4					
5	4			<i>South</i>		
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					<i>SE</i>

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		<i>WSE</i>	<i>SE</i>		<i>Monday day of 26 July 1869</i>
2	4					<i>Comences with moderate</i>
3	4					<i>Southward wind and Cloud</i>
4	4					<i>weather Studing sails toward</i>
5	4					<i>aloft</i>
6	4					<i>Middle part much the same</i>
7	4					
8	4					
9	4					<i>Latter part moderate Easterly</i>
10	5			<i>SE</i>		<i>all sails set</i>
11	5					
12	5					<i>Latitude 16° 27' N</i>
1	5	$\frac{1}{2}$				
2	5	$\frac{1}{2}$		<i>East</i>		
3	5	$\frac{1}{2}$				
4	5	$\frac{1}{2}$				
5	6					
6	6					
7	6					
8	6					
9	6					
10	5		<i>SEW</i>	<i>ENE</i>		
11	5					
12	5					<i>NE</i>

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		<i>NNW</i>	<i>NE</i>		<i>Tuesday day of 27th July 1869</i>
2	5					<i>Comences with Moderate NE</i>
3	5					<i>wind and passing Clouds all</i>
4	5					<i>Sails set</i>
5	5					
6	5					
7	5					
8	5					<i>Middle and latter parts the</i>
9	5					<i>same</i>
10	5					
11	5					
12	5					<i>Pumps attended Main</i>
1	5					<i>and Bilge</i>
2	5					<i>No observation</i>
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

Callar

towards

Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		N 3/4 W	NE		Wednesday day of 28th July 1869
2	5					Comences with Moderate N
3	6					Wind hazy Overcast weather
4	6					Some rain all sails set and
5	6					trinned to best advantage
6	6					Middle and latter part
7	6					Much the same
8	6					Pumps attended
9	6					Leatin
10	6					19'47"N
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	6		N 3/4 W	NE		Thursday day of 29th July 1869
2	6					Comences with Moderate
3	6					Breezes and Cloudy weather
4	6					all sails set
5	6					Middle and latter part the
6	6					same
7	6					Pumps attended
8	6					
9	6					Leatin 21'49"N
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	6		N 3/4 W	E. NE		Friday day of 30th July 1869
2	6					Comences with Moderate Breezes
3	6					and passing Clouds all sails
4	6					set and trinned to best advantage
5	6					Middle part fresh breeze
6	6		N 3/4 E	E. S. W		some rain by 10
7	6					latter part the same
8	7					all sails set
9	7					Pumps attended
10	7					Leatin
11	7					24'24"N
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	8		N 3/4 E	E. S. W		Saturday day of 31st July 1869
2	8					Comences with fresh Breezes
3	8					and passing Clouds all sails
4	8					set
5	8					Saw two Ships steering to
6	8		N 3/4 W	E. NE		West ward
7	8					Middle and latter part
8	8					fresh Breezes and passing
9	8					Clouds all sails set
10	8					Pumps attended
11	8					Leatin 27'25"
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.



JOURNAL, from *Callao*towards *Liberator*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	8		NNE	ESE		<i>Sunday day of August 1st 1869</i> Commences with fresh ENE breeze and Cloudy weather all sails set Middle part much the same latter part moderate and squally rain clouds passing over Pumps regularly attended Leaking 3000" V
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8		NNE	ESE		
9	8					
10	8					
11	8					
12	8					
1	7	$\frac{1}{2}$				
2	7	$\frac{1}{2}$	NNE	ESE		
3	7	$\frac{1}{2}$				
4	7	$\frac{1}{2}$				
5	7	$\frac{1}{2}$				
6	7	$\frac{1}{2}$				
7	7	$\frac{1}{2}$				
8	7	$\frac{1}{2}$				
9	7	$\frac{1}{2}$				
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	5		NNE	Easterly		<i>Monday day of August 2d 1869</i> Commences with moderate breeze and Cloudy weather all sails set Middle part light and hazy latter part hazy and Calm Pumps attended No observation
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4		NNE	Easterly		
6	4					
7	3					
8	3					
9	3					
10	2					
11	2		NNE	Variable		
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	2		NNE	Easterly		<i>Tuesday day of 3d August 1869</i> Commences with very light baffling Easterly winds all sails set and trimmed to best advantage Middle part the same latter part light baffling air and Calm Pumps attended Leaking 3209" V
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2		NNE			
2	2					
3	2					
4	2					
5	1		ESE			
6	1					
7	1			Variable		
8	1			and		
9	1		NNE	Calm		
10	1					
11	1					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	1	$\frac{1}{2}$	NNE	North		<i>Wednesday day of 4th Aug 1869</i> Commences with light baffling North and Easterly winds and Calm Middle part Calm latter part very light Easterly wind Pumps attended Leaking 3237"
2	1	$\frac{1}{2}$				
3	1	$\frac{1}{2}$				
4	1	$\frac{1}{2}$				
5	1	$\frac{1}{2}$	NNE			
6	1	$\frac{1}{2}$				
7	1	$\frac{1}{2}$				
8	1	$\frac{1}{2}$				
9	1	$\frac{1}{2}$				
10	1	$\frac{1}{2}$				
11	0					
12	0					
1						
2	0					
3	1		NNE			
4	1					
5	1					
6	1	$\frac{1}{2}$				
7	1	$\frac{1}{2}$				
8	1	$\frac{1}{2}$				
9	1	$\frac{1}{2}$				
10	2					
11	2		NNE	ESE		
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.



## JOURNAL, from

Callan

towards

Libralter

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	1	$\frac{1}{2}$	NW			Comences with very light air
2	1	$\frac{1}{2}$				and Calm with every
3	1					advantage taken of the breeze
4	0					to keep the ship's head to the
5	0					Northward
6						
7						
8	0					
9	1		NW			Middle part very light breeze
10	1					from the Eastward
11	1					
12	2					
1	2					ends the same
2	2					
3	2					Pumps attended
4	2					
5	2					Latitud
6	2					35° 15"
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	2		NW	NWSE		Comences with very light
2	3					breeze from Eastward Clear weather
3	3					all sails tried to the breeze
4	3					
5	3					Middle part the same
6	3					
7	4					ends the same
8	4					
9	4					Latitud
10	4					34° 50'
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		NW	ENE		Comences with light Breeze
2	4					which and passing clouds
3	5					all sails set
4	5					at 6 P.M. tacked to the South
5	5					and Eastward
6	5					
7	5		SE	ESE		at 11 P.M. tacked to the North
8	5					and Eastward
9	5					
10	5		SE			ends with a moderate
11	4					ESE wind and passing clouds
12	4		NW			
1	4					Pumps attended
2	5					
3	4					Latitud by Obs
4	5					36° 00'
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		NW	ENE		Comences with moderate breeze from
2	5					the Eastward a short choppy sea
3	5					all sails set
4	5					at 8 P.M. tacked to the South
5	5					ward
6	5					
7	5					Middle part fresh breeze and
8	5					rain squalls fell the light
9	6		NW			sails
10	6					at 8 A.M. tacked to North
11	6					and Eastward
12	6					ends with a fresh breeze and
1	6					passing clouds
2	6					Pumps attended
3	6					
4	6					Latitud 35° 59'
5	6					
6	6					
7	6					
8	6					
9	6		NW	ENE		
10	6			SE		
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.







## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	3		NEE			Friday day of 13th 1869
2	3			Easterly		Comences with light
3	3					bafling winds and Cal.
4	3					
5	3					all fixable sail set and
6	2					all advantage taken to keep
7	2					the ship on the tack nearest
8	2					her Cows
9	2					
10	2					middle and
11	0					latter parts the same
12	0					
1	0					
2	0					
3	1					Pumps attended
4	2					Latn
5	3					
6	3					
7	3					
8	3					
9	3		SE			35-40" W
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	3		SE	Easterly		Saturday day of 14th Augr 1869
2	3			through		Comences with very light
3	3					bafling winds and Calm
4	3					
5	3		NE			Wind from SE to ENE constantly
6	3					changing ship kept on the tack
7	3					on which she would make the
8	3					most Eastern all sails set
9	3					middle and latter parts
10	3					the same
11	3					Pumps attended
12	3					Latn
1	3					
2	3					
3	3					
4	2					
5	2					
6	2					
7	1		NEE			No observation
8	1					
9	1					
10	1					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	3		NE			Sunday day of 15th Augr 1869
2	3			Easterly		Comences with very light Easterly
3	3					
4	3		SE	and		Wind constantly changing from
5	2			variable		SE to ENE
6	2					all sails set and
7	2					turned to best advantage
8	2					
9	2					and the same
10	2		NE			Pumps attended
11	2					
12	2					Latn 36 11' N
1	2					
2	2					
3	2					
4	2					
5	2		SE			
6	2					
7	3					
8	3					
9	4					
10	4					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	3		SE	Easterly		Monday day of 16th Augr 1869
2	3					Comences with light bafling
3	3			from		Winds and Cloudy weather all
4	2		SE			sails set and turned to
5	2			to		best advantage on either tack
6	2			ENE		
7	2			changing		middle and latter parts the
8	2			every hour		same
9	2					
10	2					Pumps attended
11	2					
12	2		NEE			Latn 36 19"
1	2					
2	3					
3	3					
4	3					
5	3					
6	3		NE			
7	2					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.



JOURNAL, from		Callao		towards		Tributter	
H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of 1869
1	3		NE	Easterly		Comences with very light	Tuesday 17 Aug 1869
2	3			through		Easterly wind varying from	
3	3					SE to ENE constantly	
4	3					Ship's head kept to the East	
5	3					in all favorable flames	
6	3						
7	3						
8	3						
9	3						
10	3						
11	3		NNE			Middle and latter parts	
12	3		SE			the same	
1	3					Saw two vessels	
2	3		South			both of them steering	
3	3		NNE			the wind	
4	3						
5	3						
6	3						
7	3						
8	3						
9	3						
10	3						
11	3						
12	3						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of 1869
1	3		NNE	East		Comences with light	Wednesday 18th Aug 1869
2	3		SSE			bafling Easterly winds all	
3	3					Sails set	
4	2						
5	2						
6	2		SE	E NW			
7	3					Middle and latter	
8	3					parts much the same	
9	3					Pumps attended	
10	3						
11	2						
12	1 $\frac{1}{2}$						
1	1 $\frac{1}{2}$						
2	1						
3	2						
4	2		SSE	East			
5	3						
6	3						
7	3						
8	3						
9	3						
10	3						
11	3						
12	3						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

JOURNAL, from		towards					
H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of 1869
1	3		SE	E NW		Comences with very light Easterly	Thursday 19th Aug 1869
2	3					Winds and passing Clouds	
3	3					all sails set Middle and	
4	3					latter parts the same	
5	3						
6	3						
7	3						
8	3						
9	3					Pumps attended	
10	3						
11	3						
12	3						
1	3						
2	3						
3	3						
4	3						
5	3						
6	3						
7	3						
8	3						
9	3						
10	3						
11	3						
12	3						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of 1869
1	3		SE			Comences with light bafling	Friday 20th Aug 1869
2	3					Easterly winds and pass	
3	3					ing Clouds all sails set	
4	3					the best advantage	
5	3						
6	3 $\frac{1}{2}$					Middle and latter	
7	3 $\frac{1}{2}$					parts the same	
8	4						
9	4						
10	4						
11	4						
12	4						
1	4						
2	4						
3	4						
4	4						
5	4						
6	4						
7	4						
8	3						
9	3						
10	3						
11	3						
12	3						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.



JOURNAL, from *Callao*

towards *Subalter*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	3		<i>SESE</i>	<i>NESE</i>		<i>Saturday day of 21st Aug 1869</i> Commenced with light
2	3					<i>blowing Easterly winds</i>
3	3					<i>and cloudy weather</i>
4	3					<i>all sails set to best</i>
5	3					<i>advantage</i>
6	3					
7	3					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					<i>Middle and latter</i>
2	4					<i>parts the same</i>
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	4		<i>SESE</i>			<i>Sunday day of 22nd Aug 1869</i> Commenced with light blowing
2	4					<i>Easterly wind passing clouds</i>
3	4			<i>Easterly</i>		
4	4					
5	4		<i>SESE</i>			
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	5					<i>Middle and latter parts</i>
2	5					<i>much the same</i>
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	5		<i>ESE</i>	<i>NE</i>		<i>Monday day of 23rd Aug 1869</i> Commenced with a moderate
2	5					<i>NE wind and cloudy weather</i>
3	5					
4	5					<i>all sails set</i>
5	5					
6	5					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
1	6					<i>Middle and latter</i>
2	6					<i>parts the same</i>
3	6					
4	6					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	5		<i>ESE</i>	<i>NESE</i>		<i>Tuesday day of 24th 1869</i> Commenced with moderate NE
2	5					<i>winds and thick cloudy</i>
3	5					<i>weather all sails set</i>
4	5					
5	5					
6	5					
7	5					
8	5					
9	6					
10	6					
11	6					
12	6					
1	6		<i>East</i>	<i>NNE</i>		<i>Middle and latter parts</i>
2	6					<i>the same</i>
3	6					
4	6					
5	6		<i>ENE</i>	<i>North</i>		
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

Callao

towards

Liberator

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3					Commences with very light
2	3					North wind and clear
3	3					Overcast weather all
4	3					Sails set
5	3					Midle and
6	3					latter parts much the
7	3					same
8	4					Pumps attended
9	4					Latini
10	4					34° 46' N
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3					Commences with very light
2	3					North and westerly winds
3	3					and passing clouds
4	3					Midle part baffling and
5	3					Calms
6	3					end with light
7	3					air from the North and
8	3					Pumps attended
9	3					Latini
10	3					35° 19' N
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

towards

Friday day of 27th Aug 1869

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	3					Commences with very light
2	3					Midle and clear weather
3	3					Midle part Calm
4	3					end with light baffling
5	3					North and Easterly wind
6	3					Clear weather
7	2					Pumps attended
8	2					Latini
9	2					25° 23' N
10	2					
11	2					
12	2					
1	0					
2	0					
3	0					
4	0					
5	1					
6	1					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	1 1/2					Commences with light baffling
2	1 1/2					air and Calm weather
3	1 1/2					all sails set
4	2					at 6 PM light breeze from
5	2					North and East wind
6	3					Midle and latter parts
7	3					the same
8	3					Pumps attended
9	4					Latini
10	4					25° 33' N
11	4					
12	4					
1	4					
2	4					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

Callao

towards

Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		ESE	NNE		day of 29th Aug 1869
2	5					Commenced with Moderate
3	5					Breeze from NNE
4	5					
5	5					all possible sails set
6	5					Middle part the same
7	5					latter part light breeze
8	6					and Calm
9	6					
10	6					
11	6					
12	6					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5		ESE	NE		Latini 25° 57' N
7	5					
8	4					
9	2					
10	1					
11	1					
12	0					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	0					Monday day of 30th Aug 1869
2	0					Commenced with light
3	1		ESE	NE		Bufling air and Calm
4	1					weather
5	1					
6	1					
7	0					
8	0					
9	1	$\frac{1}{2}$	East			Middle part the same
10	1	$\frac{1}{2}$				ends with light breeze
11	1	$\frac{1}{2}$				and from all points the
12	1	$\frac{1}{2}$				Compass
1	0					
2	0					
3	0					
4	2					Latini 35° 54' N
5	1	$\frac{1}{2}$	ESE	Variable		
6	1	$\frac{1}{2}$				
7	1	$\frac{1}{2}$				
8	1	$\frac{1}{2}$				
9	1		SE			
10	1					
11	1					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	1		East	Variable		Tuesday day of 31st Aug 1869
2	2					Commenced with light breeze
3	4		ESE			and all around the compass
4	4					
5	4		ESE			Middle part light breeze
6	3					Winds and Calm weather
7	3					
8	3					
9	5		ESE			ends with variable Easterly
10	5					Winds several vessels in sight
11	5					all steering the same way
12	1					
1	0					
2	1					
3	5					Latini 35° 48' N
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	3		SE	Easterly		
11	3					
12	4					
	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1						Wednesday day of Sep 1st 1869
2						Commenced with light breeze
3						Easterly winds all sails set
4						at 5 PM saw Terifa Light East dist
5						15 miles wind freshening to South
6						and Westward
7						
8						Midnight Terifa Light bearing
9						ESE dist 6 miles wind light
10						and variable
11						at 8 AM passed into the Bay of Gibraltar. Came from
12						Anchor at 11 AM in 23 fathoms water filled
1						sails and made all snug for riding the weather
2						immediately put the ship under a strict quarantine
3						and a Guard Boat to lay astern of the ship
4						Captain Marse sent on shore for Mr. Powers the Customs
5						Agent at Gibraltar, to come along side who came aboard
6						at 4 PM said the Ships Orders were then at Gibraltar
7						all ready received some provisions and letters for the
8						from the shore so ends this day wind fresh from
9						Westward
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.



JOURNAL, from *at Gibraltar* towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Thursday day of 2 <sup>d</sup> 1869
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

*This day commences with Moderate Easterly wind. Wind 1 mile per hour SW wind. No Orders came on board this day. Ship people all in perfect health and employed. Clearing ship, ought did and other duties. Pumps carefully attended.*

*Friday 3<sup>d</sup> Sept*  
*This day commences with Baffling Easterly weather. Received some water on board at 5 PM the first boat load of supplies. Came along side which were ordered before the Anchor was down on the ship's arrival at 8 PM the last boat came along side which brought the Orders for Valindai. Received the Pass on board and moved them made all ready for sea as soon as the ship's clearance papers came off.*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Saturday day of 4 <sup>th</sup> Sept 1869
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

*This day commences with Moderate Easterly wind. Thick haze weather. at 6 PM a boat came along side the ship from on shore with the Clearance papers and remainder of the Stores. Ordered for the ship. Every thing now ready for sea. Weather Calm. Midnight the same at 4 AM.*

*Sunday 5<sup>th</sup> Sept*  
*Commences with Calm weather at 4 AM light airs from the NE get under weigh and proceed out of the Bay all clear at 10 AM. Europe Point bearing NW by N dist 12 miles from which I take a departure all sails set. Wind light from NE to ENE. Pumps attended. Lat in J. 35.57" N.*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Monday day of 6 <sup>th</sup> Sept 1869
1	4		SE E	SE E			
2	4						
3	4			Variable			
4	3						
5	1						
6	1			Calm			
7	1						
8	3		East	North			
9	5						
10	6			NNW			
11	4						
12	4						
1	4						
2	4						
3	4						
4	4						
5	4						
6	4			West			
7	4						
8	4						
9	4						
10	5						
11	5						
12	5						

*Commences with light breeze from the NE all sails set. The land in sight all along the North Shore. Middle part wind backing from North and Westward. Latter part light West wind. Steady sails set on both sides. Land in sight. Lat in J. 36.16" N.*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	Tuesday day of 7 <sup>th</sup> Sept 1869
1	5		East	West			
2	5						
3	5						
4	5						
5	5			Variable			
6	4			and			
7	3			Calm			
8	2			East			
9	1						
10	5			NNE			
11	5						
12	5						
1	5			SE			
2	5						
3	5						
4	5						
5	5						
6	5						
7	5						
8	6						
9	6						
10	6						
11	6						
12	6						

*Commences with very moderate westerly wind and clear weather. Land in sight all sails set. at 8 PM wind spang up fresh from the Eastward. Brood ship of the land on the Lizard took stood in for the land at 11.30 saw a revolving light on shore looked to the Southward at 1.30 PM looked to Northward wind fresh from East and light sails filed. Lat in J. 36.30" N.*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

Gibraltar

towards

Valencia

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	6		NNE	East		Wednesday day of 8th Sept 1869
2	6		"			Commenced with fresh East
3	6		SE			wind and clear weather
4	5		"	East		at 1 PM tacked off
5	5		NNE			at 4 PM tacked to the
6	5		"			Northward
7	5		"			at 8 PM saw a flesh
8	5		"			light bearing NW dist
9	5		SE			10 miles tacked to south
10	5		"			and Eastward
11	5		"			middle part fresh breeze and
12	5		"			hard chop of sea
1	5		"			at 4 AM tacked to the North
2	5		"			ward at 10.30 AM tacked
3	5		"			to South and Eastward
4	5		NNE	NE		later part moderate and
5	5		"			cloudy all sails set the land
6	5		"			in sight
7	5		"			Pumps attended
8	5		"			Leatin gills
9	5		"			36.53" N
10	5		"			
11	5		"			
12	5		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		SE	East		Thursday day of 9th Sept 1869
2	5		NW			Commenced with moderate
3	5		"			East
4	5		"			Breeze and passing clouds
5	5		"			all sails set land in sight
6	5		NNE			at 1 PM tacked to the North
7	4		"			ward at midnight very light
8	3		"			calm wind variable tacked off
9	3		"			shore at 10 AM tacked to
10	0		"			the Northward
11	0		"			end with moderate
12	2		SE	East		Breeze and passing clouds
1	2		"			all sails set
2	3		"			Leatin gills
3	4		"			land in sight
4	4		"			37-02" W
5	4		"			
6	4		"			
7	5		SE			
8	5		"			
9	5		"			
10	5		"			
11	5		"			
12	5		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	4		North	ENE		Friday day of 10th Sept 1869
2	4		"			Commenced with moderate variable
3	4		SE			wind and passing clouds all sails
4	4		"			set and tacked on either tack
5	4		SE	East		to best advantage
6	4		"			the land in sight through
7	4		"			middle part falling and calm
8	4		"			ends with light air from
9	4		"			the westward
10	3		"			
11	3		"			
12	0		"			Leatin 37 38" N
1	0		"			
2	0		"			
3	0		"			
4	1		East	NNE		
5	2		"			
6	2		"			
7	2		"			
8	3		SE	ENE		
9	3		"			
10	3		"			
11	3		"			
12	3		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1						Saturday day of 11th Sept 1869
2						Commenced with very light
3						westward wind and clear weather
4						Cape Antonio in sight bearing
5						NE dist 20 miles
6						
7						at 8 PM passed Cape Antonio
8						Light dist 8 miles wind varying
9						from NW to west
10						at 3 AM saw the fire head light
11						at Valencia bearing true
12						and light and bearing
1						directly sight of the harbor
2						at 7 AM came to an anchor in
3						side the Breakwater at Valencia
4						with both anchors ahead and 4
5						hawsers to the Pier from the Stern
6						hoisted the sails and had a boat from
7						the shore along side at 8 AM who
8						took the ship's papers on shore left
9						orders for the ship to perform a strict
10						Quarantine until further orders so
11						and this day's log which contains
12						36 hours

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.



## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1							Sunday	12 Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1							Monday	13th Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

all this day fine weather wind from the East Ward all the Ships people on Board and attend to Ships duty Ship performing a strict Quarantine Permits and Ventilation attended

Tuesday 14th Sept all this day pleasant weather all on board employed at Ships duty Ship and people on board performing a strict Quarantine

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1							Wednesday	15th Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1							Thursday	16th
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1							Friday	17th Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

all this day pleasant weather at 5 PM the Boasting and Health Officers came along side and on board the Ship and admitted the Ship to Port ordered the Quarantine flag taken down at 6 PM the Crew all came aft to the Captain telling him their voyage was ended and they demanded their discharge he said he could not discharge them there they wanted to see the Consul he gave them liberty to do so they immediately went on shore

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1							Saturday	18 Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1							Sunday	19th Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1							Monday	20th Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

all this day fine weather at 5 AM the Stevedore came on Board with 13 men and commenced discharging Cargo in sacks into Lighters along side 1/2 more of the Crew on Board

throughout this day fine weather at 2 PM the Crew came on Board and reported them plus sent on board by the Consul some of them drunk and disorderly at 5 PM they were all on shore without liberty

fine weather Stevedore discharging Cargo Crew all on shore Cook and Stevedore also on shore without liberty at 10 AM the Crew came on Board to see the Consul who was on Board attending the Surge he told them he had nothing to do with them as they belonged to the Ship and could not discharge them they all went on shore without liberty

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1							Tuesday	21st Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

liberty after the Consul told them to return to their duty had a survey of the damages on board the Ship found one of the Upper Deck Beams Middle Stairs badly sprung several knees started on both sides the Ship between decks found the same and but of the decks and water ways much open and started more or less

all this day fine weather Stevedore at work discharging Cargo the Stevedore and one man B. Foster returned to their duty others all on shore

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1							Wednesday	22 Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

all this day fine weather and from the North and West wind Steward at work discharging Cargo Crew came on board Captain paid them some money with liberty to go on shore and spend it & Cook on shore without liberty 21 men employed on board to haul the ship into the inner harbor at 4 PM moved ahead and 60 fathoms on the Red Anchor and 60 fathoms on the Starboard Anchor astern Steward at work all the time

Thursday 23<sup>d</sup> Sept  
all this day pleasant weather Steward men employed discharging Guano The Cook came on board after being on shore 48 hours and asked for his discharge Captain told him to go to his duty for he could not discharge him here he immediately went on shore

Steward men handling the Guano sacks very carefully breaking several of them and

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
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1 Western Much of the Guano

Friday 24<sup>th</sup> Sept  
all this day fine weather Steward men working at the Guano and Ballast received on board 50 tons of Sand Ballast Crew all on shore and Foster and Steward all the cooking utensils and inside of the Store on shore being repaired

Saturday 25<sup>th</sup> Sept  
all this day fine weather Steward employed discharging Cargo Ship Crew all on shore B Caulkers employed Caulking the decks received 100 Tons Ballast

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1							Sunday	26 Sept
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

all this day fine weather Carpenter and Cook deserted the ship

Monday 27<sup>th</sup> Sept

all this day fine weather Steward men finished discharging Cargo and Mr Reed on board 100 Tons Ballast paid the Steward his wages due him before the American Consul Caulkers at work Caulking the upper decks all of the Crew except Foster deserted the ship 4 men employed on logg making and clearing ship

Tuesday 28<sup>th</sup> Sept

all this fine weather 4 men employed to work on board received 100 Tons Ballast on board Steward employed getting it on board

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
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1 all this day pleasant Cook and Steward

came on board one man shipped as Caulker received 66 Tons of Ballast Ship draft 11 feet 3 inches 4 men employed to work on board Caulkers employed Caulking the upper decks

Thursday 30<sup>th</sup> Sept

all this day fine weather 4 men employed to work on board cleaning and painting ship right side Caulkers finished Caulking the upper decks Steward and Cook on board

Friday Oct 1<sup>st</sup>

all this day pleasant weather 4 men employed at work on board Ship's people attention to ship get the Cook Store repaired received some stores on board

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1							Saturday	2 Oct
2						all this day fine weather 4 men		
3						employed from on shore cleaning ship		
4						Received some stores on board		
5						Ship's men employed at ship's		
6						duty		
7								
8							Sunday 3 Oct	
9						all this day fine weather nothing notable		
10						all the ship's company that belong to		
11						the ship on leave attentive to duty		
12								
1							Monday 4 Oct	
2						all this day fine weather 11 Caulkers		
3						employed from on shore caulking the between		
4						decks ship's 9 men came on board went to the		
5						duty 20 men and Pilot employed getting the		
6						store moving up		
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1							Tuesday	5 Oct
2						all this day fine weather 11 of the men		
3						on board attentive to ship's duty		
4						7 Caulkers employed all day caulking between		
5						ships people getting every thing ready for sea		
6						John Welch returned on board to his duty		
7								
8							Wednesday 6th Oct	
9						Commenced with light air from the North and		
10						westward Charles Scott came on board		
11						at 3 AM Pilot and 10 men from shore came		
12						off to assist in getting the ship under weigh		
1						hove up the anchor made all sail east		
2						off the stern line and proceeded right of the		
3						beacon all clear at 6 AM Pilot and land's		
4						men and strangers all left secured anchor		
5						and proceeded on our course steering ESE towards		
6						from the North and westward light		
7						so ends this day which contains 12 hours		
8						in order to commence a sea logg		
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	4		EAST	SSE		Commenced with light southerly	Thursday	7 Oct
2	5					wind and clear weather all		
3	6					sails set and 2 Landings on board		
4	6					at 5 PM light on the Columbia		
5	6		ENE	SE		bearing North East 11 miles from		
6	6					which I take a departure		
7	6							
8	6		ESE			Middle part very light South and		
9	5					Easterly winds and Calms		
10	4		ESE	SSE				
11	3					latter part much the same		
12	3					land in sight		
1	2							
2	2							
3	2							
4	1							
5	0							
6	1 1/2							
7	2							
8	2		ENE	SE				
9	2							
10	2							
11	2							
12	2							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	3		ESE	SSE		Commenced with light Baffling	Friday	8 Oct
2	2					winds and clear weather all		
3	2					sails set		
4	2		East			at 5 PM light on the South		
5	2					Western Point of the Marion		
6	2					bearing SE dist 10 miles		
7	2					locked to Westward		
8	2					at 11 locked to South and East		
9	2		W. NW	SW		ward		
10	2							
11	2					Middle part light air from		
12	2		SE	SEW		the Southward		
1	3							
2	0					latter part light air and		
3	0					Calms		
4	0					the Marion		
5	1					in sight bearing North dist		
6	1					10 miles		
7	0							
8	0							
9	0							
10	0							
11	0							
12	1							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.



JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	1		SE	Easterly		Commenced with very light	Saturday	Oct 9
2	1					drifting air and calm		
3	1					weather		
4	1							
5	1							
6	0			Calm		Middle part Calm		
7	0							
8	0					latter part Calm		
9	0					The land in sight		
10	0					all day		
11	0					Lat in		
12	0					39.06"		
1	0							
2	0							
3	3		SE	North				
4	2							
5	0			Calm				
6	0							
7	0							
8	0							
9	0							
10	0							
11	0							
12	0							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	1		SE	South		Commenced with light drifting	Sunday	Oct 10
2	2					air and calm weather all day		
3	4					set and arrived to head of bar		
4	4					at 2 PM light westerly		
5	4					Middle part Moderate and baric		
6	4					North and westerly		
7	4		SE	Westerly				
8	5					latter part Moderate North and		
9	5					Easterly		
10	5					all sails set		
11	5							
12	5					Lat in		

Lat in 38.19"

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	5							
2	5							
3	3							
4	3							
5	3							
6	5		SE	Easterly				
7	5							
8	5							
9	5							
10	5		SE	East				
11	5							
12	5							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	5		SE	East		Commenced with Moderate North	Monday	Oct 11
2	5					and Easterly wind all sails set		
3	5					at 6 PM fresh from Eastward		
4	5					filled the light sails at 8 PM		
5	5					Tacked to the North and Eastward		
6	5							
7	5					M fresh Breeze and head beat		
8	5					sea		
9	5		SE	ESE		latter part fresh breeze from		
10	6					ESE short head sea		
11	6					fresh breeze		
12	6					Lat in		
1	6			SE				
2	6							
3	6							
4	6							
5	6							
6	6							
7	6							
8	6							
9	6							
10	6		ESE	SE				
11	6							
12	6							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	5		ESE	SE		Commenced with fresh Easterly	Tuesday	Oct 12
2	5					Wind head beat sea several vessels		
3	5					in sight all steering to westward		
4	5					at 8 PM tacked to the South		
5	5					ward		
6	5							
7	5					Middle part strong Breezes		
8	5							
9	6					latter part the same		
10	6					all possible sails set		
11	6							
12	6					at M Tacked to Northward		

Lat in 37.50"

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	1869
1	6		SE	SE				
2	6							
3	6							
4	6							
5	6							
6	6							
7	6							
8	6							
9	6							
10	6							
11	6							
12	6							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	5		NNE	Eust		Wednesday day of 13 <sup>th</sup> 1869
2	5					Comences with fresh breeze
3	5					and cloudy weather short
4	5					head sea
5	5					at 4.30 PM Tacked to the
6	5					Southward
7	5					
8	5					
9	4		SEs	ENE		Middle part fresh breeze and
10	4					much lightning in the East
11	4					ward
12	4					at 5 AM Strong Breeze
1	4					in heavy gusts filled the top
2	4					sails mizzen jib. Spraker
3	4					checked
4	4					ends with fresh breeze
5	3					Calm rainy cloudy weather
6	3					
7	3					16 Observations
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	3		SEs	East		Thursday day of 14 <sup>th</sup> Oct 1869
2	3					Comences with squally rain
3	4					weather fresh breeze
4	5					the squalls
5	5					at 8 PM Tacked to the
6	5					Northward
7	5					
8	5					Middle part Calm
9	1		NNE	East		and baffling rain squalls
10	1					
11	1					later part much the same
12	1					at 8 AM Tacked to Eastward
1	1					
2	1	$\frac{1}{2}$				
3	1	$\frac{1}{2}$				
4	1	$\frac{1}{2}$				
5	2					
6	2					
7	3					
8	4		SEs	North		
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	4		SEs	SEs		Friday day of 15 <sup>th</sup> Oct 1869
2	4					Comences with light baffling
3	4					North Easterly winds and rain squalls
4	4					at 2 PM weather clear and fine
5	5					wind hauling to North and west
6	5					ward, all sails set
7	5			NNE		
8	5					Middle part moderate
9	5		SEs			Breeze and clear weather
10	5					later part the same
11	6			NNE		
12	6					
1	6		East	NW		Latin gills
2	6					
3	6					
4	6					38° 13' N
5	6					
6	6			NNE		
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1						Saturday day of 16 <sup>th</sup> Oct 1869
2						Comences with moderate breeze
3						from Westward all sails set
4						
5						at 4 PM saw a light on the
6						South part of Maratima Island
7						
8						at 12 stood in past the North
9						end of the island 2 miles dist
10						wind light and baffling
11						
12						at 6 AM passed in between
1						the islands Favignana and Levanzo
2						Came to anchor off the City of
3						Tropani at 10 AM fired all
4						sails took all the ships Company
5						on shore before the health Officers in
6						Order to get Proche
7						So ends this day
8						Logg also the sea set in Order to
9						Commence a Shallow Logg
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Thos. G. Knight, Stationer and Blank Book Manufacturer, Bank Block, Bath, Me.



## JOURNAL, from

towards

in the Harbor of towards Japan City

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.	day of	18
1							Sund	17 Oct
2						all this day fresh breeze from the South wind		
3						Clear weather		
4								
5							Monday 18 Oct	
6						all this day strong Gale from SW		
7						Steward came on board to take the ballast		
8						ought dischaged 2 Lighter loads the wind and		
9						sea increasing so the Lighter could not lay down		
10						side the ship Stevedore and his men all went		
11						on shore Ship's people at work repairing		
12						making sails and other ships duty. 7 men		
1						employed caulking		
2							Tuesday 19th Oct	
3						Commenced with light South and Easterly		
4						wind Stevedore discharging ballast 4 day		
5						with and latter part strong SW Gale		
6						7 men caulking from on shore		
7								
8								
9							Wednesday 20th Oct	
10						all this day strong Gale could not		
11						discharge any ballast 5 Caulkers employed		
12						Ship people employed at ship duty		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.	day of	18
1							Thursday 21st Oct	
2						all this day strong Gale no ballast ought this		
3						day part of Ship Company employed clearing		
4						hold for Cargo salt the other employed Packing		
5						Ship and making and repairing sails		
6						finished caulking		
7							Friday 22d Oct	
8						all this day strong westerly wind Stevedore		
9						worked 1/2 day taking ought Ballast and putting		
10						on board 36 tons salt Ship people employed		
11						as usual 2 men on shore in the Hospital		
12							Saturday 23d Oct	
1						all this day fine weather Stevedore worked all day		
2						at Ballast and took on board 58 tons salt		
3						Ship people employed at ship duty		
4							Sunday 24th Oct	
5						all this day fine weather wind southerly		
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.	day of	18
1							Monday 25 Oct	
2						all this day fresh breeze from SW Stevedore at work		
3						taking ought ballast and taking on board salt		
4						Ship Company employed as usual		
5							Tuesday 26th Oct	
6						all this day fresh breeze from the South wind		
7						Stevedore finished taking ought ballast received 272		
8						Salma salt		
9							Wednesday 27th Oct	
10						all this day fresh southerly wind received 522 Salma		
11						salt on board Ship Company at work with the		
12						Stevedore		
1							Thursday 28 Oct	
2								
3						all this day strong SW Gale no salt Lighter		
4						along side this day		
5							Friday 29 Oct	
6								
7								
8								
9						strong Gale, from west wind very rough sea in		
10						the Harbor impossible to get salt Lighter along side		
11						Ship Company employed at Ship duty		
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.	day of	18
1							Saturday 30 Oct	
2						all this day fine weather wind light South and		
3						Easterly Stevedore worked all day at salt		
4						Ship's people in attendance		
5							Monday 31st Oct	
6						all this day pleasant weather received salt all this day		
7							Tuesday 1 Nov	
8								
9						all this day strong westerly Gale no salt this day		
10							Wednesday 2d Nov	
11						throughout this day fine weather South and Easterly wind received salt		
12							Thursday 3d Nov	
1								
2						first part of this day moderate southerly (worked at salt 1/2 day latter part		
3						strong westerly Gale		
4							Friday 4th Nov	
5						all this day strong westerly Gale received no salt this day		
6							Saturday 5th Nov	
7						all this day fine weather received salt all day wind southerly		
8						all this day fine weather received salt all this day		
9						all this day pleasant weather received salt all this day		
10						and finished Loading Cargo of 38017 Salma Salt Ship Draft		
11						20 fms. 3 inches		
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.



## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.	day of	1869
1						Commences with light fair from all Points	Tuesday	8 <sup>th</sup> Nov
2						The Compass Ships people employed getting		
3						ready for sea have up the Starboard anchor of		
4						Shipped 3 men who came on board.		
5								
6								
7								
8						Wednesday 9 <sup>th</sup> Nov		
9						this day commences with light Eastly air and		
10						Cloudy weather at 5 AM Pilot come on		
11						Board to attend to getting Ship underweigh		
12						have short made all sail & striped the Anchor		
1						and trined all sails to the breeze and proceeded		
2						ought of the hauler all safe Pilot and all shore		
3						men left after the Ship was sight clear of		
4						The Land <del>of</del> found five Learners		
5						stowed away in the Cargoe of Salt		
6						Set them to work at Ships duty		
7						stowed Anchors made all secure for		
8						sea so ends this day which		
9						Centers 12 hours in order to commene		
10						a sea acate		
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.	day of	1869
1						Commences with light South	Thursday	11 <sup>th</sup> Nov
2						and Westly wind all		
3						sails set Ship braced by		
4						The wind on the Port tack		
5						at 8 PM tacked to the South		
6						and West ward wind freshening		
7						from WNW at 10 PM tacked		
8						to the North ward The flos of		
9						Maritimo bearing SSE dist 5 miles		
10								
11						Middle part strong breeze filled		
12						the light sails		
1						ends with strong Westly		
2						Winds		
3						Pumps attended		
4								
5						Leatin of all		
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.	day of	1869
1	6		SWS	W NW		Commences with fresh breeze and	Friday	12 <sup>th</sup> Nov
2	6					Clear weather		
3	6					at 6 PM filled the upper topsails		
4	6					& main sail		
5	5							
6	5		SWS	W NW		Middle part more moderate		
7	5					set upper topsails main sail &c		
8	4					wind hauling to the Northward		
9	4		WGS	NNW				
10	4					latter part fine breeze from		
11	4					the N E Clear weather all sails		
12	4					set topmast and lower standing		
1	4		WGS	Nath		sails		
2	4					Pumps attended		
3	5							
4	5					Leatin of all		
5	5							
6	5							
7	6			NNE				
8	6							
9	7							
10	7							
11	7							
12	7							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.	day of	1869
1	7		WGS	NW		Commences with a fine breeze	Saturday	13 <sup>th</sup> Nov
2	7					from the East ward all sails		
3	7			ENE		set topmast and lower standing		
4	7					sails set		
5	7							
6	7					Middle part the same		
7	7							
8	7					ends with a fine breeze and		
9	7					passing clouds		
10	8					all sails set		
11	8					Pumps attended		
12	8							
1	8		WGS	ESE		Leatin		
2	8							
3	8							
4	8							
5	8							
6	8							
7	8			SE				
8	8							
9	8							
10	8							
11	8							
12	8							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

Chaparral

towards

Gibraltar

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	4		NW	ESE		Comences with fine Easterly wind and passing clouds
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					
1	7					
2	6					
3	6					
4	6					
5	6					
6	6					
7	5					
8	5					
9	5					
10	4					
11	4					
12	4					

day of 14th Nov 1869  
 Comences with fine Easterly wind and passing clouds  
 Middle part moderate breeze and clear  
 latter part light and clear weather

Latitude of 11s

37°44'N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	4		NW	Easterly		Comences with moderate breeze and clear weather all sails set
2	4					
3	4					
4	4					
5	4					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	4					
3	4					
4	4					
5	4					
6	4					
7	5					
8	6					
9	6					
10	6					
11	6					
12	6					

day of 15th Nov 1869  
 Comences with moderate breeze and clear weather all sails set  
 Middle part the same  
 ends with light breeze  
 South and Easterly wind and passing clouds all sails set

Latitude

37°20'N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	4		West	SE		Comences with moderate southerly wind all sails set
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	6					
5	6					
6	6					
7	6					
8	5					
9	5					
10	5					
11	5					
12	5					

day of 16th Nov 1869  
 Comences with moderate southerly wind all sails set  
 Middle part light Northwesterly wind and clear weather  
 ends with moderate westerly and passing clouds all sails set  
 one the Port tack land in sight

Latitude of 11s

36°47'N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	5		SW	West		Comences with moderate westerly wind at 1 PM tacked to the Northward
2	5					
3	5		NNW			
4	5					
5	5					
6	5					
7	3		WSW	Northwesterly		
8	2					
9	2					
10	1					
11	0					
12	0					
1	0					
2	0					
3	0					
4	0					
5	0					
6	0					
7	0					
8	3		WSW	West		
9	3					
10	4		WSW	West		
11	5		WSW	West		
12	5					

day of 17th Nov 1869  
 Comences with moderate westerly wind at 1 PM tacked to the Northward  
 at 6 PM tacked off shore close to the land and light and baffling  
 Middle part Calm  
 at 4 AM light breeze from the Eastward  
 at Meridian Cape de Gatt bearing North dist 6 miles  
 all sails set ship steered a course parallel to the coast

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from *Gibraltar*towards *Boston*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1	5		<i>W. by N. by E. S. E.</i>			Commenced with moderate	<i>Thursday</i>	<i>8th Nov 1869</i>
2	5					<i>Eastward wind and passing</i>		
3	5					<i>Clouds all sails set</i>		
4	5							
5	5					<i>Middle part fine breeze</i>		
6	5					<i>and clear weather</i>		
7	5							
8	5					<i>ends with a fine breeze</i>		
9	5					<i>from Eastward and clear weather</i>		
10	5		<i>W. by N.</i>			<i>all sails set land in</i>		
11	6					<i>sight all day</i>		
12	6							
1	6							
2	6							
3	6							
4	6							
5	6							
6	6							
7	6							
8	6							
9	6		<i>West E. N. E.</i>					
10	6							
11	6							
12	6							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1						Commenced with fresh breeze	<i>Friday</i>	<i>19th Nov 1869</i>
2						<i>from Eastward</i>		
3						<i>at 4 P.M. passed around</i>		
4						<i>the West side of the Rock of</i>		
5						<i>Gibraltar and up the Bay</i>		
6						<i>the wind blowing down over</i>		
7						<i>the mountain while wind</i>		
8						<i>and fearful gusts at 5 P.M.</i>		
9						<i>a Pilot came on board and</i>		
10						<i>directed the Ship to anchor</i>		
11						<i>saying there was but 12 fathoms</i>		
12						<i>water where we let the anchor</i>		
1						<i>go paid eight 60 fathoms</i>		
2						<i>Chain but could not bring the</i>		
3						<i>Ship up. Made sail and came</i>		
4						<i>to heave in the Chain after sounding with 15</i>		
5						<i>fathoms line no bottom wind blowing strong</i>		
6						<i>from the E. S. E. and in heavy gusts. Could</i>		
7						<i>not work the Ship up to a safe anchorage</i>		
8						<i>at 9 P.M. stood to the Southward on a wind and</i>		
9						<i>the three lower topsails at 2 P.M. were Ship and</i>		
10						<i>stood to North and Eastward at 5 P.M.</i>		
11								
12								

*Carda Point Light bearing N.W. dist 2 miles*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1						Agreed away in order to run up the Bay to get the		
2						<i>Supplies on board when the Ship was inside the</i>		
3						<i>Point have the fore and main topsails aloft to</i>		
4						<i>wait for the boat with the supplies the Breakwater</i>		
5						<i>being right ahead one mile dist. Several severe squalls</i>		
6						<i>and whirl winds came off the lee side of the Rock</i>		
7						<i>first striking the sails full there aloft the eddy</i>		
8						<i>wind backing the Ship toward the Breakwater all</i>		
9						<i>the time there all sails aloft and tried to get the</i>		
10						<i>Ship's head off shore when she pointed off foretell to the</i>		
11						<i>Breakwater she was close to the rocks and touched</i>		
12						<i>several times all along the Starboard edge after running</i>		
1						<i>the whole length of the Breakwater and touching</i>		
2						<i>the rocks after finally went clear and came to the</i>		
3						<i>land head of shore stood right into the Bay off</i>		
4						<i>and on sounding the pumps several found the Ship</i>		
5						<i>did not make any water at 10 A.M. the Boat</i>		
6						<i>with supplies came off took them on board and</i>		
7						<i>made sail and stood right of the Bay and</i>		
8						<i>stood through the Straits all safe wind strong</i>		
9						<i>from the E. S. E. all possible sails set</i>		
10	10		<i>W. by N.</i>			<i>Moved the Anchors and Chains made all</i>		
11	10					<i>secure for sea</i>		
12	10							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1	10		<i>W. by N. E. S. E.</i>			Commenced with strong breezes	<i>Saturday</i>	<i>20th Nov 1869</i>
2	10					<i>from the E. S. E. and passing</i>		
3	10					<i>Clouds all sails set</i>		
4	10					<i>land in sight</i>		
5	10					<i>at 3 P.M. Cape Trophagar bearing</i>		
6	10					<i>N. E. dist 15 miles from which I</i>		
7	10					<i>take a departure</i>		
8	10							
9	10					<i>Midnight fresh breezes and</i>		
10	9					<i>passing Clouds</i>		
11	9							
12	9					<i>ends with a fine breeze</i>		
1	9			<i>East</i>		<i>and clear weather all sails</i>		
2	9					<i>set</i>		
3	9					<i>Pumps attended</i>		
4	8							
5	8					<i>Leaving</i>		
6	8			<i>E. N. E.</i>		<i>364 miles</i>		
7	8							
8	8							
9	7							
10	7							
11	7							
12	7							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

Gibraltar

towards

Boston

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	8		NW	NE		day of 21 <sup>st</sup> Nov 1869
2	8					Commenced with fresh NW
3	8					and Easterly wind all day
4	8					set heavy sea coming
5	8					from Westward
6	8					
7	8					
8	8					Middle part much
9	8					the same
10	8					
11	8					ends with strong breeze
12	8					from the NE Cloudy
1	8					weather
2	8					light sails filed
3	8					Pumps attended
4	8					Leath'gls
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	9		NW	NE		Monday day of 22 <sup>nd</sup> Nov 1869
2	9					Commenced with fresh breeze
3	9					and Cloudy weather light
4	9					sails filed
5	8					
6	8					Middle part much the
7	8					same
8	8					
9	8					ends with Moderate breeze
10	8					from NW rain squalls
11	8					
12	8					Pumps attended
1	8					Leath'
2	8					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

Gibraltar

towards

Boston

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	7		West	NW		day of 23 <sup>rd</sup> Nov 1869
2	7					Commenced with Moderate Breeze
3	7					and Cloudy with frequent rain
4	7					squalls
5	7					
6	8					Middle part strong Breeze
7	8					and heavy squalls filed
8	8					the Topgallant sails
9	8					
10	8					ends with a fresh Breeze and
11	8					squally weather
12	8					
1	8					Pumps Carefully
2	8					attended
3	8					
4	8					No Observations
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	8		NW	NW		Wednesday day of 24 <sup>th</sup> Nov 1869
2	8					Commenced with a fresh Breeze from
3	8					the Northward and high
4	8					sea running
5	8					
6	8					Middle part more moderate
7	8					set all sails
8	8					
9	8					
10	7					at 7 AM saw the island
11	7					St Marys bearing NW dist
12	7					25 miles
1	7					
2	6					at midday the West
3	6					end of the island bearing
4	6					NE dist. 10 miles
5	6					ends with a moderate
6	6					breeze and Cloudy weather
7	6					
8	6					Pumps attended
9	6					
10	6					
11	6					No Observations
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

Sabiattun

towards

Boston

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	5		NW	NE		Thursday day of 25th 1867
2	5					Commenced with moderate
3	5					Breezes and rain clouds
4	5					all sails set heavy sea
5	5					running carrying the ship
6	5					to roll heavily
7	5					
8	5			ENE		Middle part much the
9	5					same wind hauling to
10	5					the south and East
11	5					ward
12	5					
1	5					latter part moderate
2	5			SE		Breeze from the South
3	5					all sails set frequent squalls
4	5					
5	5					Lead in f 06
6	5					
7	5					37 37 N
8	5			South		
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	6		NW	SW		Friday day of 26 Nov 1867
2	6					Commenced with moderate
3	7					Breezes and rain squalls
4	7					all sails set
5	7					
6	8					Middle part fresh breeze
7	8					filled the light sails
8	9					
9	9					ends with a strong breeze
10	10					and rainy weather saw
11	10					a brig steaming to the
12	10					with Norwegian flag set at
1	10					the peak top gallant sails
2	10					filled
3	10					Pumps regularly
4	10					attended
5	10					
6	10					No observation
7	10					
8	10					
9	10					
10	10					
11	10					
12	10					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	9		NW	SW		Saturday day of 27th Nov 1867
2	9					Commenced with a strong
3	9					Breeze and rainy weather
4	9					and from SW
5	8					top gallant sails filled
6	8					
7	8					Middle part little more
8	8					moderate sea more regular
9	8					set the top gallant sails
10	7					
11	7					ends with a fresh breeze
12	7					and passing clouds
1	7		SW	SW		
2	6					Lat. in 39° 39' N
3	6					
4	6					
5	6					
6	6					
7	7					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	8		SW	SW		Sunday day of 28th Nov 1867
2	8					Commenced with a fresh breeze
3	8					and passing clouds
4	8					at 4 P M wind increasing head
5	8					sea running breeze filled top gallant
6	8					sails filled
7	8					Midnight heavy rain squalls
8	9					and much lightning filled
9	9					main sail upper fore and main
10	9					topsails at 3 Am wind hauled
11	9					to W by E commenced to blow a
12	9					severe Gale very high regular
1	8					sea running often carrying on
2	7					board and sniping the decks
3	7					fore and aft
4	7					filled upper main topsail and
5	7					bowsail full & set
6	6					
7	6					latter part heavy squalls and
8	6					very high sea causing the ship
9	6					to roll and labor much
10	6					
11	6					Pumps attended
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

*Subalter*

towards

*Boston*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	2		North	Westerly		Monday day of 29th Nov 1869
2	1	$\frac{1}{2}$				Commences with a strong gale
3	1	$\frac{1}{2}$				and very high irregular sea
4	1	$\frac{1}{2}$				Wind backing in Syalls from
5	1	$\frac{1}{2}$				W. N.W. to S.W. Starboard Calm
6	1	$\frac{1}{2}$				between the Syalls
7	1	$\frac{1}{2}$				at 3 P.M. Dead Calm
8	1	$\frac{1}{2}$				Rolling and pitching the
9	2		N.W.			Ship around at it please
10	2					
11	2					8 P.M. light air from
12	2					Southward made all
1	2					Sails and broad of the
2	2		N.W.	S.W.		to Reef the Ship Steady
3	2					Rolling very heavy and
4	3					large quantities of water on
5	4					deck
6	4					Middle part much the
7	4					ends with moderate S.W. Wind
8	5					Sea more regular all sails
9	7					
10	7					
11	7					Pumps attended
12	7					Lat. 41° 17"

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	7		N.W.	S.W.		Tuesday day of 30th Nov 1869
2	7					Commences with moderate
3	7					West winds all sails set
4	8					at 4 P.M. breeze freshening
5	8					filled top galant sails and
6	8					all light sails
7	9					Middle part strong breeze and
8	9					flying clouds
9	9					
10	9					at 3 A.M. wind shifted suddenly
11	9					to N.W. in a heavy rain
12	9					Syall filled the upper topsails
1	9					main sail and jib
2	9					
3	9		N.W.	S.W.		later part fresh gales and lighter
4	4		N.W.	N.W.		seas
5	4					Ship head reaching to North
6	4					ward under lower topsails
7	4					and fore sail
8	4					Pumps attended
9	3					
10	3					Lat. 42° 27"
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	3		N.W.	N.W.		Wednesday day of 1st Dec 1869
2	3					Commences with a strong
3	3					gale from N.W. Ship under
4	3					lower topsails and fore sail
5	3					
6	3					Middle part little more mod
7	3					erate set a reefed main sail
8	4		N.E.			at midnight wore Ship to the
9	4					westward
10	4					very high sea running
11	4					from that westward
12	4					
1	4		N.W.	North		later part light air and
2	4					Calm all sails set
3	4					
4	4					Lat. 43° 24"
5	4					
6	3					
7	3					
8	2		N.W.	N.E.		
9	2					
10	2					
11	2					
12	1 1/2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	1		N.W.	East		Thursday day of 2nd Dec 1869
2	1					Commences with very light
3	1					backing air and calm
4	1					all sails set and tried to
5	1					advantage in every breeze
6	1					
7	1					Middle part Calm
8	1					
9	0					
10	0					
11	0					
12	0					at 4 A.M. light air from
1	0					the Westward
2	0					
3	0					ends with moderate
4	1		N.W.	West		breezes from the West
5	2					all sails set
6	2					
7	2					Lat. 43° 26"
8	3					
9	3					
10	5					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1	5		NW	W		Comences with moderate	Friday	3 December 1869
2	5					Breezes from the westward		
3	5					all sails set		
4	5							
5	6					Middle part strong breeze		
6	6					first top galant sails		
7	6							
8	6		NW	SW		Wind gradually hauling to		
9	7					SW		
10	7							
11	7							
12	7							
1	7					latter part strong Gale		
2	7					and cloudy weather		
3	7					Pumps attended		
4	7							
5	7							
6	7							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1	5		NW	SW		Comences with strong Gale	Sunday	4 Decem 1869
2	5					and thick cloudy weather		
3	5							
4	5					Ship under lower topsails		
5	5					and fore sail		
6	5							
7	5							
8	5					Middle part more mod set		
9	5					the upper topsails reefed main		
10	5					sail		
11	5							
12	5							
1	5					latter part rainey foggy		
2	5					and strong Gale wind gradually		
3	5					hauling to the Northward		
4	5							
5	5					Pumps attended		
6	5							
7	5							
8	5							
9	5							
10	5							
11	5							
12	5							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

Gibraltar

towards

Boston

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		Nath	NW		day of 5th Dec 1869
2	5		NW			Commenced with strong gales
3	4					and squally weather
4	4					at 1 P.M. wore ship to West
5	4					ward reefed and fished the upper
6	4					topsails and main sail
7	4					
8	4					Middle part hail and snow
9	4					squalls
10	4					
11	5					latter part more moderate
12	5					set all sails
1	5					Pumps attended
2	5					the observation
3	5					
4	5					
5	5					
6	5					
7	4					
8	4					
9	4					
10	3					
11	3					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	0					Monday day of 6th Dec 1869
2	0					Commenced with Calm Clear
3	0					Overcast weather
4	0					at 5 P.M. light air from the
5	2		NW	SSW		SSW and hoisted all
6	3					sails to the breeze
7	6					
8	6					Middle part fresh breeze from
9	6					the S.W.
10	7					
11	7					latter part the same fresh
12	7					topgallant sails
1	6					Pumps attended
2	6					
3	6					Location of lbs
4	6					
5	6					Middle part
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	8		WNW	SW		day of 7th Dec 1869
2	8					Commenced with fresh breeze and
3	8					cloudy overcast weather
4	8					heavy head sea
5	8					
6	8					Middle part raining thick
7	8					weather
8	8			SSW		
9	8					latter part strong gales
10	8					and rain
11	8					
12	8			South		fished main topgallant sail
1	9					and main sail hauled
2	9					Pumps attended
3	9					all appearance of wind
4	9					shifting to North and West
5	9			SSW		ward
6	9					no obs
7	9					
8	10					
9	10					
10	10					
11	10					
12	10					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,
1	5		WNW	SSW		Tuesday day of 8th Dec 1869
2	8		NW	West		Commenced with strong gales
3	5					and rain squalls at 30 P.M.
4	5					the wind hauled suddenly to
5	5					West squally
6	5					
7	5					at 8 P.M. wore ship to
8	5					South ward fished the upper
9	4					topsails
10	4					Middle part strong gales
11	3					rain and hail squalls
12	3					
1	3					latter part more moderate set the
2	3					upper topsails
3	3					Pumps attended
4	3					
5	3					Location of lbs
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from *Gibraltar*towards *Baton*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	4		<i>WgW</i>	<i>NWgW</i>		<i>Thursday day of 9 Dec 1869</i> Commences with moderate Gales and high seas running from Westward
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4		<i>NWgW</i>	<i>NW</i>		
10	4					
11	4					
12	4					
1	4					
2	5					
3	5		<i>WgS</i>			
4	5					
5	5					
6	5					
7	5					
8	6		<i>WgW</i>	<i>North</i>		
9	6					
10	6					
11	6					
12	6					

*middle part more moderate  
set Top galant sails*

*latter part light North  
winds and clear weather  
all sails set*

*Pumps attended*

*Latitude 46*

*449"*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	6		<i>NWgW</i>	<i>North</i>		<i>Friday day of 10 December 1869</i> Commences with light North winds and clear weather sails set
2	6					
3	6					
4	6					
5	8					
6	8		<i>NWgW</i>	<i>NNE</i>		
7	8					
8	9					
9	9					
10	9					
11	9					
12	9					
1	9					
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	8					
9	8					
10	8					
11	8					
12	8					

*middle part the same*

*latter part moderate NE wind  
and hazy cloudy weather*

*all sails set to best advantage*

*Pumps attended*

*Latitude 46*

*4229"*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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## JOURNAL, from

towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	9		<i>NWgW</i>	<i>NE</i>		<i>Saturday day of 11 Dec 1869</i> Commences with moderate NE wind and clear weather all sails set sea very smooth
2	9		<i>NWgW</i>			
3	9					
4	10					
5	10					
6	10					
7	10					
8	10					
9	10			<i>NNE</i>		
10	10					
11	10					
12	10					
1	6		<i>NWgW</i>	<i>North</i>		
2	6					
3	6					
4	6					
5	6		<i>NWgW</i>	<i>NNW</i>		
6	6					
7	5					
8	5					
9	4					
10	4		<i>NWgW</i>	<i>NWgW</i>		
11	4					
12	4					

*middle part much the same*

*wind backing gradually to North  
and westward*

*at midnight wind light from  
NNW all sails triced to the  
Breeze*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks.
1	4		<i>NWgW</i>	<i>NW</i>		<i>Sunday day of 12 Dec 1869</i> Commences with light wind from the North and West ward all sails set
2	4					
3	4					
4	4					
5	4		<i>NWgW</i>	<i>West</i>		
6	4					
7	4					
8	4		<i>NWgW</i>	<i>NW</i>		
9	4					
10	4					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6						
7						
8						
9						
10						
11						
12						

*at 4 PM tacked to the Northward*

*middle part much the same*

*Cape Cod Light bearing SE 1/2 S*

*at 15 miles at midnight*

*at 6 AM took a Baton  
Pilot on board and proceeded in  
to the Channel all safe*

*took Steam Tug at the Baton  
light house and proceeded against the  
Ebb Tide it being near low water*

*The Ship tacked the bottom some  
gently came to Anchor at bat*

*Indifference filed all sails and  
made all snug for the harbor*

*Wind light from North and East  
ward very thick and foggy weather*

*So ends this Logg*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from *in Port of* towards *Boston*

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

*Comences with light Easterly wind and foggy weather at 6 Am the tug boat came along side to tow the ship to the Dock here of the Anchor and proceeded up to the Dock at East Boston hauled alongside the wharf and made fast Steam Tug and Pilot left*

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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JOURNAL, from towards

H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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H.	K.	$\frac{1}{2}$ K.	COURSES.	WINDS.	LEEWAY.	Remarks,	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. In.	Lon. by Ob.
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Nov 14<sup>th</sup> opened one Bbl Beef  
" 28<sup>d</sup> " " " Beef

12114

G91.111

25 Cloth  
25  
200  
500  
3700

235  
48  
281

4224  
54  
54  
2148  
48

4224 feet long



